stepk2.2_gray

In [3]:
```python
%matplotlib inline
from skimage.io import imread, imsave, imshow
from skimage import img_as_float, img_as_ubyte, color
img = imread("tiger-color.png")
img_f = img_as_float(img)
r = img_f[:, :, 0]
g = img_f[:, :, 1]
b = img_f[:, :, 2]
y = 0.2126*r + 0.7152*g + 0.0722*b
y = img_as_ubyte(y)
imsave("out_img.png", y)
imshow(y)
```

Out[3]: <matplotlib.image.AxesImage at 0x108d9778>